



Stantec

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July 28, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ken Mitchell

Dear Mr. Mitchell:

**Reference: CMRS Geospatial Audit
Boone County Communications Center
8100 Ewing Blvd Ste 100
Florence, KY 41042**

The Geospatial Audit of Boone County Communications Center located in Boone County was conducted on 6/19/2008. Boone County Communications Center provides wireless 9-1-1 service for Boone County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 requires that the mapping solution display the nearest address to an x,y point. The software used by Boone County Communications Center does not meet this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 80% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 0% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Does not meet audit criteria</u>
Field Data Component	<u>Does not meet audit criteria with</u> 80% of points tested meeting criteria
Wireless Data Component	<u>Does not meet audit criteria with</u> 0% of calls tested meeting criteria

Based on the results of the audit, Boone County Communications Center does not meet the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

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GIS Project Manager
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Attachment: Report Details

c. Files

j:\2008proj\lv2008008_cmrs\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name Boone County Communications Center

Address 8100 Ewing Blvd Ste 100

Audit Date 6/19/2008

City Florence

Audit Personnel MCCMORMICK

Contact Jim Staverman

Contact Title Director

Software	Version	Vendor
INTERGRAPH GEO MEDI	8.01	INTERGRAPH

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☒

Other Layers: ☒ Type of 'other' layers used by PSAP:

The map has 40 layers - the layers were not easily printed off and the auditor did not write all of them down.

Notes and Observations:

Observation and comments: (1) The map used street ranges and has structures shown with address labels. Because of the street ranges the address does not match the structures shown on the map. (2) The addresses plot on the center line of the road but the system will indicated which side of the street the address is located. (3) Address ranges are used to accommodate Fire ESZ (Emergency Service Zones). (3) The wireless calls did not automatically plot on the PSAP map. In order to get the map to plot a manual intervention needed to be employed by manually selecting the ALI screen data to be dumped into the map. Once the manual ALI data dump was requested the map plotted the caller's location.

The map was last updated on 6/17/08. The map is updated weekly on Tuesdays. The information is supplied by the GIS department. The data is physically entered into the system by Joe Fussinger.

The data and information form the map was obtained by Joe Fussinger and the wireless calls were obtained by Jan Mullikin